

hybridization duplex under selective hybridization conditions,  
wherein said region consists of SEQ ID NO. 3, or its fully  
complementary sequence of the same length, and  
a helper probe.

E3  
Amended

99. (New) The probe mix of claim 98, wherein said helper  
probe consists essentially of a nucleic acid sequence selected  
from the group consisting of: SEQ ID NO:4, and SEQ ID NO:5.

REMARKS

New claims 57-99 are added. The specification has been  
amended to disclose prior application data. No new matter has  
been introduced via the amendments made herein.

The new claims are fully supported by the  
specification. No new matter is added with the amendment.  
Claims to nucleic acid hybridization probes and specifically  
detectable nucleic acid hybrids are supported by the  
specification, including, but not limited to, pages 18-19 and 27,  
and the sequence listing. Claims to amplification  
oligonucleotides are supported by the specification, including,

but not limited to, pages 7-9 and 26-31, and the sequence listing. Support for claims to compositions containing amplification oligonucleotides and/or hybridization probes can be found throughout the specification, including, but not limited to, pages 13-20 and 25-31, and the sequence listing. Claims to helper probes are supported by the specification, including, but not limited to, pages 16 and 27, and the sequence listing. Claims to probe mixes are supported by the specification, including, but not limited to, pages 27-31, and the sequence listing.

Claims 24-42, 48-51, 55-99 are pending in this application. Applicant respectfully submits that patentable subject matter exists with regard to the pending claims and favorable action in connection therewith is respectfully requested.


Should any matters remain that might be resolved by telephonic interview, the Examiner is courteously invited to contact the undersigned at the number given below. If there is

213/066  
Patent

any fee due in connection with this response, please charge  
Deposit Account No. 12-2475 for the appropriate amount.

Respectfully submitted,

LYON & LYON

By:   
Anthony C. Chen  
Registration No. 38,673

LYON & LYON  
First Interstate World Center  
633 West Fifth Street, Suite 4700  
Los Angeles, CA 90071-2066  
(619) 552-8400